

Product Datasheet

CD36 Antibody (SM0) NB100-65522

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB100-65522

CD36 Antibody (SM0)

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	SM0
Preservative	0.09% Sodium Azide
Isotype	IgM
Purity	Ammonium sulfate precipitation
Buffer	Phosphate Buffered Saline
Product Description	
Host	Mouse
Gene ID	948
Gene Symbol	CD36
Species	Human
Marker	Endothelial Cell Marker
Specificity/Sensitivity	NB100-65522 recognizes the CD36 antigen, an 88kD cell surface glycoprotein expressed by platelets, monocytes/macrophages and also by some microvascular endothelium and erythroid precursors. CD36 is the receptor for thrombospondin. When expressed by monocytes and macrophages, CD36 acts as a receptor for oxidized LDL and for apoptotic polymorphonuclear cells. NB100-65522 partially inhibits collagen induced platelet aggregation and macrophage ingestion of apoptotic human neutrophils. It has been reported that this antibody may activate platelets as measured by fibrinogen binding, P-Selectin expression and Annexin V binding - for further details please contact our Technical Services team. This clone is also reported to block interaction of oxidised low-density lipoprotein (OxLDL) with CD36.
Immunogen	Human tonsil cells and peripheral blood mononuclear cells.
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation (Negative), Western Blot (Negative)
Recommended Dilutions	Flow Cytometry 1:10-1:20, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Western Blot (Negative), Immunoprecipitation (Negative)
Application Notes	For Flow Cytometry: Use 10 ul of the suggested working dilution to label 10 ⁶ cells or 100 ul whole blood.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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